

Title (en)

Method and device for replacing an adapter for a nuclear reactor vessel closure crossing

Title (de)

Verfahren und Vorrichtung zum Austausch einer Adapterdurchführung eines Kernreaktorgefäßsdeckels

Title (fr)

Procédé et dispositif de remplacement d'un adaptateur de traversée du couvercle de la cuve d'un réacteur nucléaire

Publication

EP 0616336 B1 19961030 (FR)

Application

EP 94400505 A 19940308

Priority

FR 9302955 A 19930315

Abstract (en)

[origin: EP0616336A1] The replacement is carried out from an operating region located above the convex face (1a) of the head. The adaptor to be replaced is machined after removing its control mechanism (13) and a heat sleeve (4), by introducing suitable tooling (14) via the upper end of the adaptor (3') to be replaced. In succession, the lower part of the adaptor and a part of the weld of this adaptor are machined, a narrow chamfer is machined in the weld of the adaptor to be replaced, the remaining part of the adaptor (3') to be replaced is rebored inside the head (1), the adaptor is extracted, a replacement adaptor is fitted by cold binding (shrinking) and the replacement adaptor is welded. <IMAGE>

IPC 1-7

G21C 13/036

IPC 8 full level

B23K 9/028 (2006.01); **G21C 13/036** (2006.01)

CPC (source: EP KR US)

B23K 9/0288 (2013.01 - EP KR US); **G21C 13/036** (2013.01 - EP KR US); **Y02E 30/30** (2013.01 - EP US); **Y10T 29/4973** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE CH ES LI SE

DOCDB simple family (publication)

EP 0616336 A1 19940921; **EP 0616336 B1 19961030**; ES 2094627 T3 19970116; FR 2702875 A1 19940923; FR 2702875 B1 19950616; KR 940022588 A 19941021; TW 255040 B 19950821; US 5432828 A 19950711

DOCDB simple family (application)

EP 94400505 A 19940308; ES 94400505 T 19940308; FR 9302955 A 19930315; KR 19940005281 A 19940315; TW 83102277 A 19940316; US 21301694 A 19940315